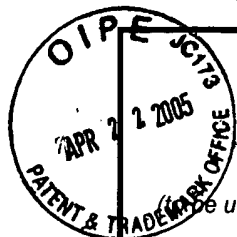


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number



TRANSMITTAL FORM

(Mark Office used for all correspondence after initial filing)

TRANSMITTAL FORM (Mark Office used for all correspondence after initial filing)		Application Number	10/047,546
		Filing Date	January 16, 2002
		First Named Inventor	Bjorn Sihlbom et al.
		Group Art Unit	2182
		Examiner Name	Kuynh, Kim Ngoc
Total Number of Pages in This Submission		Attorney Docket Number	01-521 (4028-01300)

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): <ul style="list-style-type: none"> • Change of Correspondence Address - Application • Acknowledgment Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Or Individual Name	Michael S. Bush
Signature	
Date	April 19, 2005

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or Printed Name	Jean Brown	Date	April 19, 2005
Signature			

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and selection option 2

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
For FY 2005☐ Significant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 50.00)

Complete if Known

Application Number	10/047,546
Filing Date	January 16, 2002
First Named Inventor	Bjorn Sihlbom et al.
Examiner Name	Kuynh, Kim Ngoc
Art Unit	2182
Attorney Docket No.	01-521 (4028-01300)

METHOD OF PAYMENT (check all that apply)
☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 12-2252 Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims 21 - 20 or HP = 1 x Fee (\$) 50.00 = Fee Paid (\$) 50.00

HP = highest number of total claims paid for, if greater than 20

Indep. Claims 4 - 3 or HP = 0 x Fee (\$) 0.00 = Fee Paid (\$) 0.00

HP = highest number of independent claims paid for, if greater than 3

Multiple Dependent Claims

Fee (\$) Fee Paid (\$)

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets - 100 = Extra Sheets 0 / 50 = Number of each additional 50 or fraction thereof 0 (round up to a whole number) x Fee (\$) 0 = Fee Paid (\$) 0.00

4. OTHER FEE(S)


Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)

0.00

Other: _____

SUBMITTED BY

Signature		Registration No. 31,745 (Attorney/Agent)	Telephone 972/731-2288
Name (Print/Type)	Michael S. Bush	Date 4/19/2005	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Bjorn Sihlbom, et al.
Serial No.: 10/047,546
Filed: January 16, 2002
For: DMA Port Sharing Bandwidth
Balancing Logic

§
§
§
§
§
§
§

Group Art Unit: 2182
Examiner: Huynh, Kim Ngoc
Confirmation No.: 4992

Commissioner For Patents
Mail Stop Amendment
PO Box 1450
Alexandria VA 22313-1450

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service, first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, Mail Stop Amendment, P. O. Box 1450, Alexandria, VA 22313-1450

Jan Brewer
Signature

4/19/05

Date of Deposit

AMENDMENT

Sir:

In response to the Office Action dated January 19, 2005, having a shortened statutory period for response which expires on April 19, 2005, the Applicants respectfully request that the Examiner enter the following amendments. The changes made are shown by underlining the added text and striking through the deleted text.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 11 of this paper.

04/22/2005 AADOF01 00000043 122252 10047546
01 FC:1202 50.00 DA